GSA U.S. General Services Administration

LENTECH INC

AUTHORIZED FEDERAL ACQUISITION SERVICE
INFORMATION TECHNOLOGY SCHEDULE PRICELIST
GENERAL PURPOSE COMMERCIAL INFORMATION TECHNOLOGY
EQUIPMENT, SOFTWARE AND SERVICES

SIN 54151S – Information Technology Professional Services
SIN 518210C – Cloud & Cloud-Related IT Professional Services
SIN 54151HACS – Highly Adaptive Cybersecurity Services (HACS)

Note: Contractor has been awarded under the Cooperative Purchasing and Disaster Recovery Programs

SIN 54151S INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES

FPDS Code D301	IT Facility Operation and Maintenance
FPDS Code D302	IT Systems Development Services
FPDS Code D306	IT Systems Analysis Services
FPDS Code D307	Automated Information Systems Design and Integration Services
FPDS Code D308	Programming Services
FPDS Code D310	IT Backup and Security Services
FPDS Code D311	IT Data Conversion Services
FPDS Code D313	Computer Aided Design/Computer Aided Manufacturing (CAD/CAM) Services
FPDS Code D316	IT Network Management Services
FPDS Code D317	Creation/Retrieval of IT Related Automated News Services, Data Services, or Other Information Services (All other information services belong under Schedule 76)
FPDS Code D399	Other Information Technology Services, Not Elsewhere Classified

Note 1: All non-professional labor categories must be incidental to and used solely to support hardware, software and/or professional services, and cannot be purchased separately.
Note 2: Offerors and Agencies are advised that the Group 70 – Information Technology Schedule is not to be used as a means to procure services which properly fall under the Brooks Act. These services include, but are not limited to, architectural, engineering, mapping, cartographic production, remote sensing, geographic information systems, and related services. FAR 36.6 distinguishes between mapping services of an A/E nature and mapping services which are not connected nor incidental to the traditionally accepted A/E Services.
Note 3: This solicitation is not intended to solicit for the reselling of IT Professional Services, except for the provision of implementation, maintenance, integration, or training services in direct support of a product. Under such circumstances the services must be performance by the publisher or manufacturer or one of their authorized agents.

SIN 518210C CLOUD COMPUTING SERVICES

FPDS Code D305	IT and Telecom Teleprocessing, Timeshare, and Cloud Computing

Lentech, Inc.
P.O. Box 67155
Albuquerque, NM 87193
Phone: 888-455-1115 Fax: 866-705-8784 Internet Address: www.lentechinc.com

Contract Number:
GS-35F-0451V

Period Covered by Contract:
May 15, 2019 through May 14, 2024

Pricelist current through Modification # PS-0034, dated April 2, 2020.

Products and ordering information in this Authorized FAS Information Technology Schedule Pricelist are also available on the GSA Advantage! System. Agencies can browse GSA Advantage! by accessing the Federal Acquisition Service's Home Page via the Internet at

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INFORMATION FOR ORDERING ACTIVITIES
APPLICABLE TO ALL SPECIAL ITEM NUMBERS

SPECIAL NOTICE TO AGENCIES: Small Business Participation

SBA strongly supports the participation of small business concerns in the Federal Acquisition Service. To enhance Small Business Participation SBA policy allows agencies to include in their procurement base and goals, the dollar value of orders expected to be placed against the Federal Supply Schedules, and to report accomplishments against these goals. For orders exceeding the micropurchase threshold, FAR 8.404 requires agencies to consider the catalogs/pricelists of at least three schedule contractors or consider reasonably available information by using the GSA Advantage!™ on-line shopping service (http://www.gsaadvantage.gov). The catalogs/pricelists, GSA Advantage!™ and the Federal Acquisition Service Home Page (http://www.gsa.gov/fas) contain information on a broad array of products and services offered by small business concerns. This information should be used as a tool to assist ordering activities in meeting or exceeding established small business goals. It should also be used as a tool to assist in including small, small disadvantaged, and women-owned small businesses among those considered when selecting pricelists for a best value determination.
For orders exceeding the micropurchase threshold, customers are to give preference to small business concerns when two or more items at the same delivered price will satisfy their requirement.

1. GEOGRAPHIC SCOPE OF CONTRACT

Domestic delivery is delivery within the 48 contiguous states, Alaska, Hawaii, Puerto Rico, Washington, DC, and U.S. Territories. Domestic delivery also includes a port or consolidation point, within the aforementioned areas, for orders received from overseas activities.

Overseas delivery is delivery to points outside of the 48 contiguous states, Washington, DC, Alaska, Hawaii, Puerto Rico, and U.S. Territories.

Offerors are requested to check one of the following boxes:

[ ] The Geographic Scope of Contract will be domestic and overseas delivery.
[ ] The Geographic Scope of Contract will be overseas delivery only.
[X] The Geographic Scope of Contract will be domestic delivery only.

2. CONTRACTOR'S ORDERING ADDRESS AND PAYMENT INFORMATION

Lentech, Inc.
P.O. Box 67155
Albuquerque, NM 87193

info@lentechinc.com

Contractors are required to accept credit cards for payments equal to or less than the micro-purchase threshold for oral or written delivery orders. Credit cards will be acceptable for payment above the micro-purchase threshold. In addition, bank account information for wire transfer payments will be shown on the invoice.

The following telephone number can be used by ordering activities to obtain technical and/or ordering assistance:

Phone: 888-455-1115

3. LIABILITY FOR INJURY OR DAMAGE

The Contractor shall not be liable for any injury to ordering activity personnel or damage to ordering activity property arising from the use of equipment maintained by the Contractor, unless such injury or damage is due to the fault or negligence of the Contractor.

4. STATICAL DATA FOR GOVERNMENT ORDERING OFFICE COMPLETION OF STANDARD FORM 279:

Block 9: G. Order/Modification Under Federal Schedule
Block 16: Data Universal Numbering System (DUNS) Number: 089142181
Block 30: Type of Contractor - A. Small Disadvantaged Business
Block 31: Woman-Owned Small Business - **NO**
Block 36: Contractor's Taxpayer Identification Number (TIN): 26-2487908

(a) CAGE Code: 52Y06
(b) Contractor **has** registered with the System for Award Management (SAM) database.

5. FOB DESTINATION

6. DELIVERY SCHEDULE

(a) TIME OF DELIVERY: The Contractor shall deliver to destination within the number of calendar days after receipt of order (ARO), as set forth below:

SPECIAL ITEM NUMBER	DELIVERY TIME (Days ARO)
54151S	As negotiated between contractor and ordering agency
518210C	As negotiated between contractor and ordering agency

(b) URGENT REQUIREMENTS: When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering activity, ordering activities are encouraged, if time permits, to contact the Contractor for the purpose of obtaining accelerated delivery. The Contractor shall reply to the inquiry within 3 workdays after receipt. (Telephonic replies shall be confirmed by the Contractor in writing.) If the Contractor offers an accelerated delivery time acceptable to the ordering activity, any order(s) placed pursuant to the agreed upon accelerated delivery time frame shall be delivered within this shorter delivery time and in accordance with all other terms and conditions of the contract.

7. DISCOUNTS: Prices shown are NET Prices; Basic Discounts have been deducted.

SIN 54151S :

(a) Prompt Payment Terms: 2% - 15 days from receipt of invoice or date of acceptance, whichever is later.
(b) Quantity Discount: 1%
(c) Dollar Volume: $250,000.00
(d) Government Educational Institutions are offered the same discount as all other Government customers

SIN 518210C:

(a) Prompt Payment Terms: None
(b) Quantity Discount: None
(c) Dollar Volume: None

8. TRADE AGREEMENTS ACT OF 1979, as amended

All items are U.S. made end products, designated country end products, Caribbean Basin country end products, Canadian end products, or Mexican end products as defined in the Trade Agreements Act of 1979, as amended.

9. STATEMENT CONCERNING AVAILABILITY OF EXPORT PACKING

10. SMALL REQUIREMENTS: The minimum dollar value of orders to be issued is $100.00.

11. MAXIMUM ORDER (All dollar amounts are exclusive of any discount for prompt payment.)

The Maximum Order value for the following Special Item Numbers (SIN) is $500,000:
Special Item Number 54151S - Information Technology (IT) Professional Services.
Special Item Number 518210C – Cloud Computing Services.

12. ORDERING PROCEEDURES FOR FEDERAL SUPPLY SCHEDULE CONTRACTS

Ordering activities shall use the ordering procedures of Federal Acquisition Regulation (FAR) 8.405 when placing an order or establishing a BPA for supplies or services. These procedures apply to all schedules.

(a) FAR 8.405-1 Ordering procedures for supplies, and services not requiring a statement of work.

(b) FAR 8.405-2 Ordering procedures for services requiring a statement of work.

13. FEDERAL INFORMATION TECHNOLOGY/TELECOMMUNICATION STANDARDS REQUIREMENTS

Ordering activities acquiring products from this Schedule must comply with the provisions of the Federal Standards Program, as appropriate (reference: NIST Federal Standards Index). Inquiries to determine whether or not specific products listed herein comply with Federal Information Processing Standards (FIPS) or Federal Telecommunication Standards (FED-STDS), which are cited by ordering activities, shall be responded to promptly by the Contractor.

13.1 FEDERAL INFORMATION PROCESSING STANDARDS PUBLICATIONS (FIPS PUBS)

Information Technology products under this Schedule that do not conform to Federal Information Processing Standards (FIPS) should not be acquired unless a waiver has been granted in accordance with the applicable "FIPS Publication." Federal Information Processing Standards Publications (FIPS PUBS) are issued by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST), pursuant to National Security Act. Information concerning their availability and applicability should be obtained from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, Virginia 22161. FIPS PUBS include voluntary standards when these are adopted for Federal use. Individual orders for FIPS PUBS should be referred to the NTIS Sales Office, and orders for subscription service should be referred to the NTIS Subscription Officer, both at the above address, or telephone number (703) 487-4650.

13.2 FEDERAL TELECOMMUNICATION STANDARDS (FED-STDS)

Telecommunication products under this Schedule that do not conform to Federal Telecommunication Standards (FED-STDS) should not be acquired unless a waiver has been granted in accordance with the applicable "FED-STD." Federal Telecommunication Standards are issued by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST), pursuant to National Security Act. Ordering information and information concerning the availability of FED-STDS should be obtained from the GSA, Federal Acquisition Service, Specification Section, 470 East L'Enfant Plaza, Suite 8100, SW, Washington, DC 20407, telephone number (202)619-8925. Please include a self-addressed mailing label when requesting information by mail. Information concerning their applicability can be obtained by writing or calling the U.S. Department of Commerce, National Institute of Standards and Technology, Gaithersburg, MD 20899, telephone number (301)975-2833.

14. CONTRACTOR TASKS / SPECIAL REQUIREMENTS (C-FSS-370) (NOV 2001)

(a) Security Clearances: The Contractor may be required to obtain/possess varying levels of security clearances in the performance of orders issued under this contract. All costs associated with obtaining/possessing such security clearances should be factored into the price offered under the Multiple Award Schedule.

(b) Travel: The Contractor may be required to travel in performance of orders issued under this contract. Allowable travel and per diem charges are governed by Pub L. 99-234 and FAR Part 31 and are reimbursable by the ordering agency or can be priced as a fixed price item on orders placed under the Multiple Award Schedule. The Industrial Funding Fee does NOT apply to travel and per diem charges. NOTE: Refer to FAR Part 31.205-46 Travel Costs, for allowable costs that pertain to official company business travel in regards to this contract.

(c) Certifications, Licenses and Accreditations: As a commercial practice, the Contractor may be required to obtain/possess any variety of certifications, licenses and accreditations for specific FSC/service code classifications offered. All costs associated with obtaining/ possessing such certifications, licenses and accreditations should be factored into the price offered under the Multiple Award Schedule program.

(d) Insurance: As a commercial practice, the Contractor may be required to obtain/possess insurance coverage for specific FSC/service code classifications offered. All costs associated with obtaining/possessing such insurance should be factored into the price offered under the Multiple Award Schedule program.

(e) Personnel: The Contractor may be required to provide key personnel, resumes or skill category descriptions in the performance of orders issued under this contract. Ordering activities may require agency approval of additions or replacements to key personnel.

(f) Organizational Conflicts of Interest: Where there may be an organizational conflict of interest as determined by the ordering agency, the Contractor's participation in such order may be restricted in accordance with FAR Part 9.5.

(g) Documentation/Standards: The Contractor may be requested to provide products or services in accordance with rules, regulations, OMB orders, standards and documentation as specified by the agency's order.

(h) Data/Deliverable Requirements: Any required data/deliverables at the ordering level will be as specified or negotiated in the agency's order.

(i) Government-Furnished Property: As specified by the agency's order, the Government may provide property, equipment, materials or resources as necessary.

(j) Availability of Funds: Many Government agencies' operating funds are appropriated for a specific fiscal year. Funds may not be presently available for any orders placed under the contract or any option year. The Government's obligation on orders placed under this contract is contingent upon the availability of appropriated funds from which payment for ordering purposes can be made. No legal liability on the part of the Government for any payment may arise until funds are available to the ordering Contracting Officer.

(k) Overtime: For professional services, the labor rates in the Schedule should not vary by virtue of the Contractor having worked overtime. For services applicable to the Service Contract Act (as identified in the Schedule), the labor rates in the Schedule will vary as governed by labor laws (usually assessed a time and a half of the labor rate).

15. CONTRACT ADMINISTRATION FOR ORDERING ACTIVITIES

Any ordering activity, with respect to any one or more delivery orders placed by it under this contract, may exercise the same rights of termination as might the GSA Contracting Officer under provisions of FAR 52.212-4, paragraphs (l) Termination for the ordering activity's convenience, and (m) Termination for Cause (See C.1.)

16. GSA ADVANTAGE!

GSA Advantage! is an on-line, interactive electronic information and ordering system that provides on-line access to vendors' schedule prices with ordering information. GSA Advantage! will allow the user to perform various searches across all contracts including, but not limited to:

(a) Manufacturer;
(b) Manufacturer's Part Number; and
(c) Product categories.

Agencies can browse GSA Advantage! by accessing the Internet World Wide Web utilizing a browser (ex.: NetScape). The Internet address is http://www.fss.gsa.gov/.

17. PURCHASE OF OPEN MARKET ITEMS

NOTE: Open Market Items are also known as incidental items, noncontract items, non-Schedule items, and items not on a Federal Supply Schedule contract. ODCs (Other Direct Costs) are not part of this contract and should be treated as open market purchases. Ordering Activities procuring open market items must follow FAR 8.402(f). For administrative convenience, an ordering activity contracting officer may add items not on the Federal Supply Multiple Award Schedule (MAS) -- referred to as open market items -- to a Federal Supply Schedule blanket purchase agreement (BPA) or an individual task or delivery order, **only if-**

(a) All applicable acquisition regulations pertaining to the purchase of the items not on the Federal Supply Schedule have been followed (e.g., publicizing (Part 5), competition requirements (Part 6), acquisition of commercial items (Part 12), contracting methods (Parts 13, 14, and 15), and small business programs (Part 19));
(b) The ordering activity contracting officer has determined the price for the items not on the Federal Supply Schedule is fair and reasonable;
(c) The items are clearly labeled on the order as items not on the Federal Supply Schedule; and
(d) All clauses applicable to items not on the Federal Supply Schedule are included in the order.

18. CONTRACTOR COMMITMENTS, WARRANTIES AND REPRESENTATIONS

(a) For the purpose of this contract, commitments, warranties and representations include, in addition to those agreed to for the entire schedule contract:

1. Time of delivery/installation quotations for individual orders;
2. Technical representations and/or warranties of products concerning performance, total system performance and/or configuration, physical, design and/or functional characteristics and capabilities of a product/equipment/ service/software package submitted in response to requirements which result in orders under this schedule contract.
3. Any representations and/or warranties concerning the products made in any literature, description, drawings and/or specifications furnished by the Contractor.

(b) The above is not intended to encompass items not currently covered by the GSA Schedule contract.

19. OVERSEAS ACTIVITIES

The terms and conditions of this contract shall apply to all orders for installation, maintenance and repair of equipment in areas listed in the pricelist outside the 48 contiguous states and the District of Columbia, except as indicated below:

None

Upon request of the Contractor, the ordering activity may provide the Contractor with logistics support, as available, in accordance with all applicable ordering activity regulations. Such ordering activity support will be provided on a reimbursable basis, and will only be provided to the Contractor's technical personnel whose services are exclusively required for the fulfillment of the terms and conditions of this contract.

20. BLANKET PURCHASE AGREEMENTS (BPAs)

The use of BPAs under any schedule contract to fill repetitive needs for supplies or services is allowable. BPAs may be established with one or more schedule contractors. The number of BPAs to be established is within the discretion of the ordering activity establishing the BPA and should be based on a strategy that is expected to maximize the effectiveness of the BPA(s). Ordering activities shall follow FAR 8.405-3 when creating and implementing BPA(s).

21. CONTRACTOR TEAM ARRANGEMENTS

Contractors participating in contractor team arrangements must abide by all terms and conditions of their respective contracts. This includes compliance with Clauses 552.238-74, Industrial Funding Fee and Sales Reporting, i.e., each contractor (team member) must report sales and remit the IFF for all products and services provided under its individual contract.

22. INSTALLATION, DEINSTALLATION, REINSTALLATION

The Davis-Bacon Act (40 U.S.C. 276a-276a-7) provides that contracts in excess of $2,000 to which the United States or the District of Columbia is a party for construction, alteration, or repair (including painting and decorating) of public buildings or public works with the United States, shall contain a clause that no laborer or mechanic employed directly upon the site of the work shall received less than the prevailing wage rates as determined by the Secretary of Labor. The requirements of the Davis-Bacon Act do not apply if the construction work is incidental to the furnishing of supplies, equipment, or services. For example, the requirements do not apply to simple installation or alteration of a public building or public work that is incidental to furnishing supplies or equipment under a supply contract. However, if the construction, alteration or repair is segregable and exceeds $2,000, then the requirements of the Davis-Bacon Act applies.

The ordering activity issuing the task order against this contract will be responsible for proper administration and enforcement of the Federal labor standards covered by the Davis-Bacon Act. The proper Davis-Bacon wage determination will be issued by the ordering activity at the time a request for quotations is made for applicable construction classified installation, deinstallation, and reinstallation services under SIN 132-8.

23. SECTION 508 COMPLIANCE.

If applicable, Section 508 compliance information on the supplies and services in this contract are available in Electronic and Information Technology (EIT) at the following: Not Applicable

The EIT standard can be found at: www.Section508.gov/.

24. PRIME CONTRACTOR ORDERING FROM FEDERAL SUPPLY SCHEDULES

Prime Contractors (on cost reimbursement contracts) placing orders under Federal Supply Schedules, on behalf of an ordering activity, shall follow the terms of the applicable schedule and authorization and include with each order –

(a) A copy of the authorization from the ordering activity with whom the contractor has the prime contract (unless a copy was previously furnished to the Federal Supply Schedule contractor); and

(b) The following statement:
This order is placed under written authorization from _____ dated _____. In the event of any inconsistency between the terms and conditions of this order and those of your Federal Supply Schedule contract, the latter will govern.

25. INSURANCE—WORK ON A GOVERNMENT INSTALLATION (JAN 1997) (FAR 52.228-5)

(a) The Contractor shall, at its own expense, provide and maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the contract.

(b) Before commencing work under this contract, the Contractor shall notify the Contracting Officer in writing that the required insurance has been obtained. The policies evidencing required insurance shall contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective—

1. For such period as the laws of the State in which this contract is to be performed prescribe; or
2. Until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.

(c) The Contractor shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. The Contractor shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

26. SOFTWARE INTEROPERABILITY

Offerors are encouraged to identify within their software items any component interfaces that support open standard interoperability. An item's interface may be identified as interoperable on the basis of participation in a Government agency-sponsored program or in an independent organization program. Interfaces may be identified by reference to an interface registered in the component registry located at http://www.core.gov.

27. ADVANCE PAYMENTS

A payment under this contract to provide a service or deliver an article for the United States Government may not be more than the value of the service already provided or the article already delivered. Advance or pre-payment is not authorized or allowed under this contract. (31 U.S.C. 3324)

SIN 54151S TERMS AND CONDITIONS OF IT PROFESSIONAL SERVICES

1. SCOPE

(a) The prices, terms and conditions stated under Special Item Number SIN 54151S Information Technology Professional Services apply exclusively to IT Services within the scope of this Information Technology Schedule.

(b) The Contractor shall provide services at the Contractor's facility and/or at the ordering activity location, as agreed to by the Contractor and the ordering activity.

2. PERFORMANCE INCENTIVES

(a) Performance incentives may be agreed upon between the Contractor and the ordering activity on individual fixed price orders or Blanket Purchase Agreements under this contract in accordance with this clause.

(b) The ordering activity must establish a maximum performance incentive price for these services and/or total solutions on individual orders or Blanket Purchase Agreements.

(c) Incentives should be designed to relate results achieved by the contractor to specified targets. To the maximum extent practicable, ordering activities shall consider establishing incentives where performance is critical to the ordering activity's mission and incentives are likely to motivate the contractor. Incentives shall be based on objectively measurable tasks.

3. ORDER

(a) Agencies may use written orders, EDI orders, blanket purchase agreements, individual purchase orders, or task orders for ordering services under this contract. Blanket Purchase Agreements shall not extend beyond the end of the contract period; all services and delivery shall be made and the contract terms and conditions shall continue in effect until the completion of the order. Orders for tasks which extend beyond the fiscal year for which funds are available shall include FAR 52.232-19 (Deviation – May 2003) Availability of Funds for the Next Fiscal Year. The purchase order shall specify the availability of funds and the period for which funds are available.

(b) All task orders are subject to the terms and conditions of the contract. In the event of conflict between a task order and the contract, the contract will take precedence.

4. PERFORMANCE OF SERVICES

(a) The Contractor shall commence performance of services on the date agreed to by the Contractor and the ordering activity.

(b) The Contractor agrees to render services only during normal working hours, unless otherwise agreed to by the Contractor and the ordering activity.

(c) The ordering activity should include the criteria for satisfactory completion for each task in the Statement of Work or Delivery Order. Services shall be completed in a good and workmanlike manner.

(d) Any Contractor travel required in the performance of IT Services must comply with the Federal Travel Regulation or Joint Travel Regulations, as applicable, in effect on the date(s) the travel is performed. Established Federal Government per diem rates will apply to all Contractor travel. Contractors cannot use GSA city pair contracts.

5. STOP-WORK ORDER (FAR 52.242-15) (AUG 1989)

(a) The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the work called for by this contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a stop-work order issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Within a period of 90 days after a stop-work is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either-

1. Cancel the stop-work order; or
2. Terminate the work covered by the order as provided in the Default, or the Termination for Convenience of the Government, clause of this contract.

(b) If a stop-work order issued under this clause is canceled or the period of the order or any extension thereof expires, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment in the delivery schedule or contract price, or both, and the contract shall be modified, in writing, accordingly, if-

1. The stop-work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract; and
2. The Contractor asserts its right to the adjustment within 30 days after the end of the period of work stoppage; provided, that, if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon the claim submitted at any time before final payment under this contract.

(c) If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.

(d) If a stop-work order is not canceled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

6. INSPECTION OF SERVICES

The Inspection of Services–Fixed Price (AUG 1996) (Deviation – May 2003) clause at FAR 52.246-4 applies to firm-fixed price orders placed under this contract. The Inspection–Time-and-Materials and Labor-Hour (JAN 1986) (Deviation – May 2003) clause at FAR 52.246-6 applies to time-and-materials and labor-hour orders placed under this contract.

7. RESPONSIBILITIES OF THE CONTRACTOR

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City, or otherwise) covering work of this character. If the product of a task order is software, then FAR 52.227-14 (Deviation – May 2003) Rights in Data – General, may apply.

8. RESPONSIBILITIES OF THE ORDERING ACTIVITY

Subject to security regulations, the ordering activity shall permit Contractor access to all facilities necessary to perform the requisite IT Services.

9. INDEPENDENT CONTRACTOR

All IT Services performed by the Contractor under the terms of this contract shall be as an independent Contractor, and not as an agent or employee of the ordering activity.

10. ORGANIZATIONAL CONFLICTS OF INTEREST

(a) Definitions.
"Contractor" means the person, firm, unincorporated association, joint venture, partnership, or corporation that is a party to this contract.
"Contractor and its affiliates" and "Contractor or its affiliates" refers to the Contractor, its chief executives, directors, officers, subsidiaries, affiliates, subcontractors at any tier, and consultants and any joint venture involving the Contractor, any entity into or with which the Contractor subsequently merges or affiliates, or any other successor or assignee of the Contractor.
An "Organizational conflict of interest" exists when the nature of the work to be performed under a proposed ordering activity contract, without some restriction on ordering activities by the Contractor and its affiliates, may either (i) result in an unfair competitive advantage to the Contractor or its affiliates or (ii) impair the Contractor's or its affiliates' objectivity in performing contract work.

(b) To avoid an organizational or financial conflict of interest and to avoid prejudicing the best interests of the ordering activity, ordering activities may place restrictions on the Contractors, its affiliates, chief executives, directors, subsidiaries and subcontractors at any tier when placing orders against schedule contracts. Such restrictions shall be consistent with FAR 9.505 and shall be designed to avoid, neutralize, or mitigate organizational conflicts of interest that might otherwise exist in situations related to individual orders placed against the schedule contract. Examples of situations, which may require restrictions, are provided at FAR 9.508.

11. INVOICES

The Contractor, upon completion of the work ordered, shall submit invoices for IT services. Progress payments may be authorized by the ordering activity on individual orders if appropriate. Progress payments shall be based upon completion of defined milestones or interim products. Invoices shall be submitted monthly for recurring services performed during the preceding month.

12. PAYMENTS

For firm-fixed price orders the ordering activity shall pay the Contractor, upon submission of proper invoices or vouchers, the prices stipulated in this contract for service rendered and accepted. Progress payments shall be made only when authorized by the order. For time-and-materials orders, the Payments under Time-and-Materials and Labor-Hour Contracts at FAR 52.232-7 (DEC 2002), (Alternate II – Feb 2002) (Deviation – May 2003) applies to time-and-materials orders placed under this contract. For labor-hour orders, the Payment under Time-and-Materials and Labor-Hour Contracts at FAR 52.232-7 (DEC 2002), (Alternate II – Feb 2002) (Deviation – May 2003)) applies to labor-hour orders placed under this contract. 52.216-31(Feb 2007) Time-and-Materials/Labor-Hour Proposal Requirements—Commercial Item Acquisition As prescribed in 16.601(e)(3), insert the following provision:
(a) The Government contemplates award of a Time-and-Materials or Labor-Hour type of contract resulting from this solicitation.
(b) The offeror must specify fixed hourly rates in its offer that include wages, overhead, general and administrative expenses, and profit. The offeror must specify whether the fixed hourly rate for each labor category applies to labor performed by—

1. The offeror;
2. Subcontractors; and/or
3. Divisions, subsidiaries, or affiliates of the offeror under a common control.

13. RESUMES

Resumes shall be provided to the GSA Contracting Officer or the user ordering activity upon request.

14. INCIDENTAL SUPPORT COSTS

Incidental support costs are available outside the scope of this contract. The costs will be negotiated separately with the ordering activity in accordance with the guidelines set forth in the FAR.

15. APPROVAL OF SUBCONTRACTS

The ordering activity may require that the Contractor receive, from the ordering activity's Contracting Officer, written consent before placing any subcontract for furnishing any of the work called for in a task order.

16. DESCRIPTION OF IT SERVICES AND PRICING

Please refer to the labor category descriptions and pricing incorporated into this GSA Pricelist.

17. SUBSTITUTIONS

Lentech, Inc. reserves the right to make the following substitutions in the education and/or experience requirements of any of the service skill categories set forth herein.

(a) One year of experience is the equivalent of one year of education.
(b) One year of education is the equivalent of one year of experience.
(c) Certification related to the technology is equivalent to two years of experience or education requirement.

USA COMMITMENT TO PROMOTE
SMALL BUSINESS PARTICIPATION
PROCUREMENT PROGRAMS

PREAMBLE

Lentech, Inc. provides commercial products and services to ordering activities. We are committed to promoting participation of small, small disadvantaged and women-owned small businesses in our contracts. We pledge to provide opportunities to the small business community through reselling opportunities, mentor-protégé programs, joint ventures, teaming arrangements, and subcontracting.

COMMITMENT

- To actively seek and partner with small businesses.
- To identify, qualify, mentor and develop small, small disadvantaged and women-owned small businesses by purchasing from these businesses whenever practical.
- To develop and promote company policy initiatives that demonstrates our support for awarding contracts and subcontracts to small business concerns.
- To undertake significant efforts to determine the potential of small, small disadvantaged and women-owned small business to supply products and services to our company.
- To insure procurement opportunities are designed to permit the maximum possible participation of small, small disadvantaged, and women-owned small businesses.
- To attend business opportunity workshops, minority business enterprise seminars, trade fairs, procurement conferences, etc., to identify and increase small businesses with whom to partner.
- To publicize in our marketing publications our interest in meeting small businesses that may be interested in subcontracting opportunities.

We signify our commitment to work in partnership with small, small disadvantaged and women-owned small businesses to promote and increase their participation in ordering activity contracts. To accelerate potential opportunities please contact:

Lentech, Inc.
Business Development Office
Office: 888-455-1115, Ext 4
Fax: 866-705-8784
E-mail: info@lentechinc.com

BEST VALUE
BLANKET PURCHASE AGREEMENT
FEDERAL SUPPLY SCHEDULE

(Insert Customer Name)
In the spirit of the Federal Acquisition Streamlining Act (ordering activity) and (Contractor) enter into a cooperative agreement to further reduce the administrative costs of acquiring commercial items from the General Services Administration (GSA) Federal Supply Schedule Contract(s) _____.
Federal Supply Schedule contract BPAs eliminate contracting and open market costs such as: search for sources; the development of technical documents, solicitations and the evaluation of offers. Teaming Arrangements are permitted with Federal Supply Schedule Contractors in accordance with Federal Acquisition Regulation (FAR) 9.6.
This BPA will further decrease costs, reduce paperwork, and save time by eliminating the need for repetitive, individual purchases from the schedule contract. The end result is to create a purchasing mechanism for the ordering activity that works better and costs less.

Signatures

_____		_____	
Ordering Activity	Date	Contractor	Date

BPA NUMBER_____

(CUSTOMER NAME)
BLANKET PURCHASE AGREEMENT

Pursuant to GSA Federal Supply Schedule Contract Number(s)_____, Blanket Purchase Agreements, the Contractor agrees to the following terms of a Blanket Purchase Agreement (BPA) EXCLUSIVELY WITH (ordering activity):

(1) The following contract items can be ordered under this BPA. All orders placed against this BPA are subject to the terms and conditions of the contract, except as noted below:

MODEL NUMBER/PART NUMBER	*SPECIAL BPA DISCOUNT/PRICE

(2) Delivery:

DESTINATION	DELIVERY SCHEDULES / DATES

(3) The ordering activity estimates, but does not guarantee, that the volume of purchases through this agreement will be _____.

(4) This BPA does not obligate any funds.

(5) This BPA expires on _____ or at the end of the contract period, whichever is earlier.

(6) The following office(s) is hereby authorized to place orders under this BPA:

OFFICE	POINT OF CONTACT

(7) Orders will be placed against this BPA via Electronic Data Interchange (EDI), FAX, or paper.

(8) Unless otherwise agreed to, all deliveries under this BPA must be accompanied by delivery tickets or sales slips that must contain the following information as a minimum:

(a) Name of Contractor;
(b) Contract Number;
(c) BPA Number;
(d) Model Number or National Stock Number (NSN);
(e) Purchase Order Number;
(f) Date of Purchase;
(g) Quantity, Unit Price, and Extension of Each Item (unit prices and extensions need not be shown when incompatible with the use of automated systems; provided, that the invoice is itemized to show the information); and
(h) Date of Shipment.

(9) The requirements of a proper invoice are specified in the Federal Supply Schedule contract. Invoices will be submitted to the address specified within the purchase order transmission issued against this BPA.

(10) The terms and conditions included in this BPA apply to all purchases made pursuant to it. In the event of an inconsistency between the provisions of this BPA and the Contractor's invoice, the provisions of this BPA will take precedence.

BASIC GUIDELINES FOR USING
"CONTRACTOR TEAM ARRANGEMENTS"

Federal Supply Schedule Contractors may use "Contractor Team Arrangements" (see FAR 9.6) to provide solutions when responding to an ordering activity requirements.
These Team Arrangements can be included under a Blanket Purchase Agreement (BPA). BPAs are permitted under all Federal Supply Schedule contracts.
Orders under a Team Arrangement are subject to terms and conditions or the Federal Supply Schedule Contract.
Participation in a Team Arrangement is limited to Federal Supply Schedule Contractors.
Customers should refer to FAR 9.6 for specific details on Team Arrangements.
Here is a general outline on how it works:

- The customer identifies their requirements.
- Federal Supply Schedule Contractors may individually meet the customers needs, or -
- Federal Supply Schedule Contractors may individually submit a Schedules "Team Solution" to meet the customer's requirement.
- Customers make a best value selection.

SIN 54151S - INFORMATION TECHNOLOGY LABOR CATEGORY RATES AND DESCRIPTIONS

All rates are the same for on-site and off-site location. All rates include IFF (Industrial Funding Fee).

GSA Labor Category Rates

SIN	Labor Category	Rates Effective 15-May-2019
54151S	Senior Program Manager 2	$ 212.91
54151S	Senior Program Manager 1	$ 176.63
54151S	Program Manager 2	$ 145.13
54151S	Program Manager 1	$ 139.40
54151S	Project Manager 1	$ 110.75
54151S	Project Administrator 3	$ 98.34
54151S	Project Administrator 1	$ 59.19
54151S	Senior Systems Analyst 4	$ 212.91
54151S	Senior Systems Analyst 3	$ 176.63
54151S	Senior Systems Analyst 2	$ 153.71
54151S	Senior Systems Analyst 1	$ 142.26
54151S	Systems Analyst 5	$ 130.80
54151S	Systems Analyst 4	$ 117.44
54151S	Senior Systems Engineer 4	$ 180.44
54151S	Senior Systems Engineer 3	$ 170.90
54151S	Senior Systems Engineer 2	$ 160.40
54151S	Senior Systems Engineer 1	$ 153.71
54151S	Systems Engineer 5	$ 147.99
54151S	Systems Engineer 4	$ 130.80
54151S	Systems Engineer 3	$ 125.07
54151S	Systems Engineer 2	$ 117.44
54151S	Systems Engineer 1	$ 86.88
54151S	Senior Systems Integration Engineer 4	$ 175.68
54151S	Senior Systems Integration Engineer 3	$ 167.08
54151S	Senior Systems Integration Engineer 2	$ 160.40
54151S	Senior Systems Integration Engineer 1	$ 155.62
54151S	Systems Integration Engineer 5	$ 138.44
54151S	Systems Integration Engineer 4	$ 134.62
54151S	Systems Integration Engineer 3	$ 123.17
54151S	Systems Integration Engineer 1	$ 71.60
54151S	Senior Business Process Engineer 4	$ 176.63
54151S	Senior Business Process Engineer 3	$ 167.08

SIN	Labor Category	Rates Effective 15-May-2019
54151S	Senior Business Process Engineer 2	$ 154.67
54151S	Senior Business Process Engineer 1	$ 150.85
54151S	Business Process Engineer 4	$ 146.08
54151S	Business Process Engineer 3	$ 142.26
54151S	Business Process Engineer 1	$ 109.80

Labor Category Descriptions

Senior Program Manager 2

Minimum/General Experience:
Twenty (20) years of experience as an expert in large and complex computer and information systems implementation. Has expertise in a specific discipline, such as: program/project management, information strategy and business analysis/development, enterprise resource planning, computer and information architecture/development, business process reengineering or learning management that is applied across multiple information technology platforms and architectures.

Functional Responsibility:
This individual may be responsible for or work in conjunction with one or more centers of competency, such as: program/project management office, business development, quality assurance and control, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional or technical implementation and/or support, learning management, etc. This individual may be responsible for leading large systems implementations across multiple information technology platforms and architectures, or the individual may work independently with senior customer management and executives as a consultant.

Minimum Education:
Doctorate degree from an accredited college or university, or eight (8) years experience performing the foregoing functions.

Senior Program Manager 1

Minimum/General Experience:
Fifteen (15) years of experience in specialized areas of large computer and information systems. Has expertise in a specific discipline such as program/project management. Has in-depth understanding of project management tools and techniques and operational processes across widely applicable systems, applications and processes.

Functional Responsibility:
This individual may be responsible for or work in conjunction with one or more centers of competency, such as: program/project management office, business development, quality assurance and control, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional or technical implementation and/or support, learning management, etc. This individual may be responsible for overall program/project management, architecture, system administration, development, setup and configuration, tools and techniques, training and/or operational processes for a large complex system or implementation, or the individual may work independently with senior customer management and executives as a consultant.

Minimum Education:
Doctorate degree from an accredited college or university, or eight (8) years experience performing the foregoing functions.

Program Manager 2

Minimum/General Experience:
Ten (10) years experience in specialized areas of large computer and information systems. Has expertise in a particular discipline or technology such as program/project management.

Functional Responsibility:
This individual may work in conjunction with a center of competency or excellence such as a program/project management office, etc. This individual may be responsible for program/project management of more than one project, tools and techniques, training and/or operational processes for a complex system or implementation, or the individual may work independently with customer management as a consultant.

Minimum Education:
Master's degree from an accredited college or university, or six (6) years experience performing the foregoing functions.

Program Manager 1

Minimum/General Experience:
Eight (8) years experience in a field of expertise in computer and information systems. Has broad knowledge in a particular discipline or technology such as program/project management.

Functional Responsibility:
This individual may work in conjunction with a center of competency or excellence such as a program/project management office, etc. This individual may be responsible for program/project management of one or more projects, tools and techniques, training and/or operational processes for a complex system or implementation, or the individual may work independently with customer management as a consultant.

Minimum Education:
Bachelor's degree from an accredited college or university, or four (4) years experience performing the foregoing functions.

Project Manager 1

Minimum/General Experience:
Four (4) years of experience in a field of expertise in computer and information systems. Has general knowledge in a particular discipline or technology such as program/project management.

Functional Responsibility:
This individual may work in conjunction with a center of competency or excellence such as a program/project management office, etc. This individual may be responsible for assisting with leading project management, tools and techniques, training and/or operational processes for a system or implementation, or the individual may work independently as a consultant.

Minimum Education:
Bachelor's degree from an accredited college or university or four (4) years experience performing the foregoing functions.

Project Administrator 3

Minimum/General Experience:
Three (3) years of experience in a field of expertise in computer and information systems. Has general knowledge in a particular discipline or technology such as program/project management.

Functional Responsibility:
This individual may work in conjunction with a center of competency or excellence such as a program/project management office, etc. This individual may be responsible for assisting with project management/administration/controls, tools and techniques, training and/or operational processes for a system or implementation, or the individual may work independently as a consultant.

Minimum Education:
Associates degree from an accredited college or university or three (3) years experience performing the foregoing functions.

Project Administrator 1

Minimum/General Experience:
One (1) year of experience in a field of expertise in computer and information systems. Has basic knowledge in a particular discipline or technology such as program/project management.

Functional Responsibility:
This individual may work in conjunction with a center of competency or excellence such as a program/project management office, etc. This individual may be responsible for assisting with project administration, tools and techniques, training and/or operational processes for a system or implementation, or the individual may work independently as a consultant.

Minimum Education:
High school degree from an accredited high school or one (1) year experience performing the foregoing functions.

Senior Systems Analyst 4

Minimum/General Experience:
Twenty (20) years of experience as an expert in large and complex computer and information systems implementation. Has expertise in a specific discipline, such as: program/project management, information strategy and business analysis/development, enterprise resource planning, business process reengineering or learning management that is applied across multiple information technology platforms and architectures.

Functional Responsibility:
This individual may be responsible for or work in conjunction with one or more centers of competency, such as: program/project management office, business development, quality assurance and control, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional or technical implementation and/or support or learning management, etc. This individual may be responsible for directing and overseeing policies and procedures, information strategy and business analysis/development, proposals and offerings, tools and techniques, training and/or operational processes for an organization, or the individual may work independently with customer executives as a consultant.

Minimum Education:

Doctorate degree from an accredited college or university, or eight (8) years experience performing the foregoing functions.

Senior Systems Analyst 3

Minimum/General Experience:
Fifteen (15) years of experience as an expert in large and complex computer and information systems implementation. Has expertise in a specific discipline, such as: program/project management, information strategy and business analysis/development, enterprise resource planning, business process reengineering or learning management that is applied across multiple information technology platforms and architectures.

Functional Responsibility:
This individual may be responsible for or work in conjunction with one or more centers of competency, such as: program/project management office, business development, quality assurance and control, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional or technical implementation and/or support or learning management, etc. This individual may be responsible for directing and overseeing policies and procedures, information strategy and business analysis/development, proposals and offerings, tools and techniques, training and/or operational processes for an organization, or the individual may work independently with customer executives as a consultant.

Minimum Education:
Doctorate degree from an accredited college or university, or eight (8) years experience performing the foregoing functions.

Senior Systems Analyst 2

Minimum/General Experience:
Twelve (12) years of experience in specialized areas of large computer and information systems. Has expertise in a specific discipline, such as: information strategy and business analysis/development, enterprise resource planning, business process reengineering or learning management. Has in-depth understanding of information strategy and business analysis/development, tools and techniques and operational processes across widely applicable systems, applications and processes.

Functional Responsibility:
This individual may be responsible for or work in conjunction with one or more centers of competency, such as: program/project management office, business development, quality assurance and control, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional or technical implementation and/or support or learning management, etc. This individual may be responsible for directing and overseeing policies and procedures, information strategy and business analysis/development, proposals and offerings, tools and techniques, training and/or operational processes for an organization, or the individual may work independently with senior customer management and executives as a consultant.

Minimum Education:
Master's degree from an accredited college or university, or six (6) years experience performing the foregoing functions.

Senior Systems Analyst 1

Minimum/General Experience:
Ten (10) years of experience in specialized areas of large computer and information systems. Has expertise in a specific discipline, such as: information strategy and business analysis/development, enterprise resource

planning, business process reengineering or learning management. Has in-depth understanding of information strategy and business analysis/development, tools and techniques and operational processes across widely applicable systems, applications and processes.

Functional Responsibility:
This individual may be responsible for or work in conjunction with one or more centers of competency, such as: program/project management office, business development, quality assurance and control, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional or technical implementation and/or support or learning management, etc. This individual may be responsible for directing and overseeing policies and procedures, information strategy and business analysis/development, proposals and offerings, tools and techniques, training and/or operational processes for an organization, or the individual may work independently with senior customer management and executives as a consultant.

Minimum Education:
Master's degree from an accredited college or university, or six (6) years experience performing the foregoing functions.

Systems Analyst 5

Minimum/General Experience:
Eight (8) years of experience in a field of expertise in computer and information systems. Has broad knowledge in a particular discipline or technology, such as: information strategy and business analysis/development, enterprise resource planning, business process reengineering or learning management.

Functional Responsibility:
This individual may be responsible for or work in conjunction with a center of competency or excellence, such as: program/project management office, business development, quality assurance and control, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional or technical implementation and/or support or learning management, etc. This individual may be responsible for managing and directing information strategy and business analysis/development, proposals and offerings, tools and techniques, training and/or operational processes for an organization, or the individual may work independently as a consultant.

Minimum Education:
Bachelor's degree from an accredited college or university, or four (4) years experience performing the foregoing functions.

Systems Analyst 4

Minimum/General Experience:
Five (5) years of experience in a field of expertise in computer and information systems. Has broad knowledge in a particular discipline or technology, such as: information strategy and business analysis/development, enterprise resource planning, business process reengineering or learning management.

Functional Responsibility:
This individual may be responsible for or work in conjunction with a center of competency or excellence, such as: program/project management office, business development, quality assurance and control, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional or technical implementation and/or support or learning management, etc. This individual may be responsible for managing and directing information strategy and business analysis/development, proposals and offerings, tools

and techniques, training and/or operational processes for an organization, or the individual may work independently as a consultant.

Minimum Education:
Bachelor's degree from an accredited college or university, or four (4) years experience performing the foregoing functions.

Senior Systems Engineer 4

Minimum/General Experience:
Fifteen (15) years of experience in specialized areas of large computer and information systems. Has expertise in leading one or more disciplines, such as: systems analysis and design, enterprise resource planning and, business process reengineering. Has in-depth understanding of systems analysis and design, tools and techniques and operational processes across widely applicable systems, applications and processes.

Functional Responsibility:
This individual may be responsible for or work in conjunction with one or more centers of competency, such as: systems analysis and design, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional implementation and/or support, etc. This individual may be responsible leading systems analysis and design, setup and configuration, tools and techniques, training and/or operational processes for a system or implementation, or the individual may work independently with senior customer management and executives as a consultant.

Minimum Education:
Doctorate degree from an accredited college or university, or eight (8) years experience performing the foregoing functions.

Senior Systems Engineer 3

Minimum/General Experience:
Twelve (12) years of experience in specialized areas of large computer and information systems. Has expertise in leading one or more disciplines, such as: systems analysis and design, enterprise resource planning and, business process reengineering. Has in-depth understanding of systems analysis and design, tools and techniques and operational processes across widely applicable systems, applications and processes.

Functional Responsibility:
This individual may be responsible for or work in conjunction with one or more centers of competency, such as: systems analysis and design, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional implementation and/or support, etc. This individual may be responsible leading systems analysis and design, setup and configuration, tools and techniques, training and/or operational processes for a system or implementation, or the individual may work independently with senior customer management and executives as a consultant.

Minimum Education:
Master's degree from an accredited college or university, or six (6) years experience performing the foregoing functions.

Senior Systems Engineer 2

Minimum/General Experience:
Ten (10) years of experience in specialized areas of large computer and information systems. Has expertise in one or more disciplines, such as: systems analysis and design, enterprise resource planning and, business process reengineering. Has in-depth understanding of systems analysis and design, tools and techniques and operational processes across widely applicable systems, applications and processes.

Functional Responsibility:
This individual may be responsible for or work in conjunction with one or more centers of competency, such as: systems analysis and design, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional implementation and/or support, etc. This individual may be responsible leading systems analysis and design, setup and configuration, tools and techniques, training and/or operational processes for a system or implementation, or the individual may work independently with senior customer management as a consultant.

Minimum Education:
Master's degree from an accredited college or university, or six (6) years experience performing the foregoing functions.

Senior Systems Engineer 1

Minimum/General Experience:
Eight (8) years of experience in a field of expertise in computer and information systems. Has broad knowledge in one or more disciplines or technologies, such as: systems analysis and design or enterprise resource planning.

Functional Responsibility:
This individual may work in conjunction with a center of competency or excellence, such as: systems analysis and design, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional implementation and/or support, etc. This individual may be responsible leading systems analysis and design, setup and configuration, tools and techniques, training and/or operational processes for a system or implementation, or the individual may work independently as a consultant.

Minimum Education:
Bachelor's degree from an accredited college or university, or four (4) years experience performing the foregoing functions.

Systems Engineer 5

Minimum/General Experience:
Five (5) years of experience in a field of expertise in computer and information systems. Has broad knowledge in one or more disciplines or technologies, such as: systems analysis and design or enterprise resource planning.

Functional Responsibility:
This individual may work in conjunction with a center of competency or excellence, such as: systems analysis and design, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional implementation and/or support, etc. This individual may be responsible leading systems analysis and design, setup and configuration, tools and techniques, training and/or operational processes for a system or implementation, or the individual may work independently as a consultant.

Minimum Education:
Bachelor's degree from an accredited college or university, or four (4) years experience performing the foregoing functions.

Systems Engineer 4

Minimum/General Experience:
Four (4) years of experience in a field of expertise in computer and information systems. Has broad knowledge in a particular discipline or technology, such as: systems analysis and design or enterprise resource planning.

Functional Responsibility:
This individual may work in conjunction with a center of competency or excellence, such as: systems analysis and design, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional implementation and/or support, etc. This individual may be responsible for and lead systems analysis and design, setup and configuration, tools and techniques, training and/or operational processes for a system or implementation, or the individual may work independently as a consultant.

Minimum Education:
Bachelor's degree from an accredited college or university, or four (4) years experience performing the foregoing functions.

Systems Engineer 3

Minimum/General Experience:
Three (3) years of experience in a field of expertise in computer and information systems. Has significant knowledge in a particular discipline or technology, such as: systems analysis and design or enterprise resource planning.

Functional Responsibility:
This individual may work in conjunction with a center of competency or excellence, such as: systems analysis and design, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional implementation and/or support, etc. This individual may be responsible for and assist in leading systems analysis and design, setup and configuration, tools and techniques, training and/or operational processes for a system or implementation, or the individual may work independently as a consultant.

Minimum Education:
Associates degree from an accredited college or university, or two (2) years experience performing the foregoing functions.

Systems Engineer 2

Minimum/General Experience:
Two (2) years of experience in a field of expertise in computer and information systems. Has significant knowledge in a particular discipline or technology, such as: systems analysis and design or enterprise resource planning.

Functional Responsibility:
This individual may work in conjunction with a center of competency or excellence, such as: systems analysis and design, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional implementation and/or support, etc. This individual may be responsible for

systems analysis and design, setup and configuration, tools and techniques, training and/or operational processes for a system or implementation, or the individual may work independently as a consultant.

Minimum Education:
Associates degree from an accredited college or university, or two (2) years experience performing the foregoing functions.

Systems Engineer 1

Minimum/General Experience:
One (1) year of experience in a field of expertise in computer and information systems. Has basic knowledge in a particular discipline or technology, such as: systems analysis and design or enterprise resource planning.

Functional Responsibility:
This individual may work in conjunction with a center of competency or excellence, such as: systems analysis and design, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional implementation and/or support, etc. This individual may be responsible for assisting with systems analysis and design, setup and configuration, tools and techniques, training and/or operational processes for a system or implementation, or the individual may work independently as a consultant.

Minimum Education:
High school degree from an accredited high school or one (1) year experience performing the foregoing functions.

Senior Systems Integration Engineer 4

Minimum/General Experience:
Fifteen (15) years of experience in specialized areas of large computer and information systems. Has expertise in one or more disciplines, such as: systems integration, systems administration or security, enterprise resource planning, computer and information architecture/development or business process reengineering. Has in-depth understanding of architecture, system administration and/or security, development, tools and techniques and operational processes across widely applicable systems, applications and processes.

Functional Responsibility:
This individual may be responsible for or work in conjunction with a center of competency or excellence, such as: systems integration, systems administration or security, enterprise resource planning, technical implementation and/or support, etc. This individual may be responsible for leading architecture, system administration or security, development, tools and techniques and/or operational processes for a system or implementation, or the individual may work independently as a consultant with senior customer management and executives.

Minimum Education:
Doctorate degree from an accredited college or university, or eight (8) years experience performing the foregoing functions.

Senior Systems Integration Engineer 3

Minimum/General Experience:
Twelve (12) years of experience in specialized areas of large computer and information systems. Has expertise in one or more disciplines, such as: systems integration, systems administration or security, enterprise resource planning, computer and information architecture/development or business process reengineering. Has in-depth

understanding of architecture, system administration and/or security, development, tools and techniques and operational processes across widely applicable systems, applications and processes.

Functional Responsibility:
This individual may be responsible for or work in conjunction with a center of competency or excellence, such as: systems integration, systems administration or security, enterprise resource planning, technical implementation and/or support, etc. This individual may be responsible for leading architecture, system administration or security, development, tools and techniques and/or operational processes for a system or implementation, or the individual may work independently as a consultant with senior customer management and executives.

Minimum Education:
Master's degree from an accredited college or university, or six (6) years experience performing the foregoing functions.

Senior Systems Integration Engineer 2

Minimum/General Experience:
Ten (10) years of experience in specialized areas of large computer and information systems. Has expertise in one or more disciplines, such as: systems integration, systems administration or security, enterprise resource planning, computer and information architecture/development or business process reengineering. Has in-depth understanding of architecture, system administration and/or security, development, tools and techniques and operational processes across widely applicable systems, applications and processes.

Functional Responsibility:
This individual may be responsible for or work in conjunction with a center of competency or excellence, such as: systems integration, systems administration or security, enterprise resource planning, technical implementation and/or support, etc. This individual may be responsible for leading architecture, system administration or security, development, tools and techniques and/or operational processes for a system or implementation, or the individual may work independently as a consultant with senior customer management and executives.

Minimum Education:
Master's degree from an accredited college or university, or six (6) years experience performing the foregoing functions.

Senior Systems Integration Engineer 1

Minimum/General Experience:
Eight (8) years of experience in specialized areas of large computer and information systems. Has expertise in one or more disciplines or technologies, such as: systems integration, systems administration or security, enterprise resource planning or computer and information architecture/development.

Functional Responsibility:
This individual may be responsible for or work in conjunction with a center of competency or excellence, such as: systems integration, systems administration or security, enterprise resource planning, technical implementation and/or support, etc. This individual may be responsible for leading architecture, system administration or security, development, tools and techniques and/or operational processes for a system or implementation, or the individual may work independently as a consultant with senior customer management.

Minimum Education:
Bachelor's degree from an accredited college or university, or four (4) years experience performing the foregoing functions.

Systems Integration Engineer 5

Minimum/General Experience:
Five (5) years of experience in a field of expertise in computer and information systems. Has broad knowledge in one or more disciplines or technologies, such as: systems integration, systems administration or security, enterprise resource planning or computer and information architecture/development.

Functional Responsibility:
This individual may work in conjunction with a center of competency or excellence, such as: systems integration, systems administration or security, enterprise resource planning, technical implementation and/or support, etc. This individual may be responsible for leading architecture, system administration or security, development, tools and techniques and/or operational processes for a system or implementation, or the individual may work independently as a consultant with customer management.

Minimum Education:
Bachelor's degree from an accredited college or university, or four (4) years experience performing the foregoing functions.

Systems Integration Engineer 4

Minimum/General Experience:
Four (4) years of experience in a field of expertise in computer and information systems. Has significant knowledge in one or more disciplines or technologies, such as: systems integration, systems administration or security, enterprise resource planning or computer and information architecture/development.

Functional Responsibility:
This individual may work in conjunction with a center of competency or excellence, such as: systems integration, systems administration or security, enterprise resource planning, technical implementation and/or support, etc. This individual may be responsible for and assist in leading architecture, system administration or security, development, tools and techniques and/or operational processes for a system or implementation, or the individual may work independently as a consultant.

Minimum Education:
Bachelor's degree from an accredited college or university, or four (4) years experience performing the foregoing functions.

Systems Integration Engineer 3

Minimum/General Experience:
Three (2) years of experience in a field of expertise in computer and information systems. Has significant knowledge in a particular discipline or technology, such as: systems integration, systems administration or security, enterprise resource planning or computer and information architecture/development.

Functional Responsibility:
This individual may work in conjunction with a center of competency or excellence, such as: systems integration, systems administration or security, enterprise resource planning, technical implementation and/or support, etc. This individual may be responsible for architecture, system administration or security,

development, tools and techniques and/or operational processes for a system or implementation, or the individual may work independently as a consultant.

Minimum Education:
Associates degree from an accredited college or university, or two (2) years experience performing the foregoing functions.

Systems Integration Engineer 1

Minimum/General Experience:
One (1) year of experience in a field of expertise in computer and information systems. Has basic knowledge in a particular discipline or technology, such as: systems integration, systems administration or security, enterprise resource planning or computer and information architecture/development.

Functional Responsibility:
This individual may work in conjunction with a center of competency or excellence, such as: systems integration, systems administration or security, enterprise resource planning, technical implementation and/or support, etc. This individual may be responsible for assisting with architecture, system administration or security, development, tools and techniques and/or operational processes for a system or implementation, or the individual may work independently as a consultant.

Minimum Education:
High school degree from an accredited high school or one (1) year experience performing the foregoing functions.

Senior Business Process Engineer 4

Minimum/General Experience:
Fifteen (15) years of experience in specialized areas of large computer and information systems. Has expertise in leading and managing one or more disciplines or technologies, such as: enterprise resource planning, business process reengineering or learning management.

Functional Responsibility:
This individual may work in conjunction with a center of competency or excellence, such as: quality assurance and control, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional implementation and/or support, learning management, etc. This individual may be responsible for leading and managing business process reengineering, tools and techniques, training and/or operational processes for a system or implementation, or the individual may work independently with senior customer management and executives as a consultant.

Minimum Education:
Doctorate degree from an accredited college or university, or eight (8) years experience performing the foregoing functions.

Senior Business Process Engineer 3

Minimum/General Experience:
Twelve (12) years of experience in specialized areas of large computer and information systems. Has expertise in leading and managing one or more disciplines or technologies, such as: enterprise resource planning, business process reengineering or learning management.

Functional Responsibility:
This individual may work in conjunction with a center of competency or excellence, such as: quality assurance and control, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional implementation and/or support, learning management, etc. This individual may be responsible for leading and managing business process reengineering, tools and techniques, training and/or operational processes for a system or implementation, or the individual may work independently with senior customer management and executives as a consultant.

Minimum Education:
Master's degree from an accredited college or university, or six (6) years experience performing the foregoing functions.

Senior Business Process Engineer 2

Minimum/General Experience:
Ten (10) years of experience in specialized areas of large computer and information systems. Has expertise in leading and managing one or more disciplines or technologies, such as: enterprise resource planning, business process reengineering or learning management.

Functional Responsibility:
This individual may work in conjunction with a center of competency or excellence, such as: quality assurance and control, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional implementation and/or support, learning management, etc. This individual may be responsible for leading and managing business process reengineering, tools and techniques, training and/or operational processes for a system or implementation, or the individual may work independently with senior customer management and executives as a consultant.

Minimum Education:
Master's degree from an accredited college or university, or six (6) years experience performing the foregoing functions.

Senior Business Process Engineer 1

Minimum/General Experience:
Eight (8) years of experience in a field of expertise in computer and information systems. Has broad knowledge in leading and managing one or more disciplines or technologies, such as: enterprise resource planning, business process reengineering or learning management.

Functional Responsibility:
This individual may work in conjunction with a center of competency or excellence, such as: quality assurance and control, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional implementation and/or support, learning management, etc. This individual may be responsible for leading and managing business process reengineering, tools and techniques, training and/or operational processes for a system or implementation, or the individual may work independently with senior customer management as a consultant.

Minimum Education:
Bachelor's degree from an accredited college or university, or four (4) years experience performing the foregoing functions.

Business Process Engineer 4

Minimum/General Experience:
Five (5) years of experience in a field of expertise in computer and information systems. Has broad knowledge in leading one or more disciplines or technologies, such as: enterprise resource planning, business process reengineering or learning management.

Functional Responsibility:
This individual may work in conjunction with a center of competency or excellence, such as: quality assurance and control, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional implementation and/or support, learning management, etc. This individual may be responsible for leading business process reengineering, tools and techniques, training and/or operational processes for a system or implementation, or the individual may work independently as a consultant with customer management.

Minimum Education:
Bachelor's degree from an accredited college or university, or four (4) years experience performing the foregoing functions.

Business Process Engineer 3

Minimum/General Experience:
Four (4) years of experience in a field of expertise in computer and information systems. Has broad knowledge in one or more disciplines or technologies, such as: enterprise resource planning, business process reengineering or learning management.

Functional Responsibility:
This individual may work in conjunction with a center of competency or excellence, such as: quality assurance and control, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional implementation and/or support, learning management, etc. This individual may be responsible for business process reengineering, tools and techniques, training and/or operational processes for a system or implementation, or the individual may work independently as a consultant with customer management.

Minimum Education:
Bachelor's degree from an accredited college or university, or four (4) years experience performing the foregoing functions.

Business Process Engineer 1

Minimum/General Experience:
Two (2) years of experience in a field of expertise in computer and information systems. Has general knowledge in a particular discipline or technology, such as: enterprise resource planning, business process reengineering or learning management.

Functional Responsibility:
This individual may work in conjunction with a center of competency or excellence, such as: quality assurance and control, capacity planning and operations, financial planning and management, human resources, enterprise resource planning, functional implementation and/or support, learning management, etc. This individual may be responsible for assisting with business process reengineering, tools and techniques, training and/or operational processes for a system or implementation, or the individual may work independently as a consultant.

Minimum Education:
Associates degree from an accredited college or university or two (2) years experience performing the foregoing functions.

SIN 518210C - TERMS AND CONDITIONS OF CLOUD COMPUTING SERVICES

The prices, terms and conditions stated under Special Item Number (SIN) 518210C Cloud Computing Services apply exclusively to Cloud Computing Services within the scope of this Information Technology Schedule.

This SIN provides ordering activities with access to technical services that run in cloud environments and meet the NIST Definition of Cloud Computing Essential Characteristics. Services relating to or impinging on cloud that do not meet all NIST essential characteristics should be listed in other SINs.

The scope of this SIN is limited to cloud capabilities provided entirely as a service. Hardware, software and other artifacts supporting the physical construction of a private or other cloud are out of scope for this SIN. Currently, an Ordering Activity can procure the hardware and software needed to build on premise cloud functionality by combining different services with MAS SIN 54151S.

Sub-categories in scope for this SIN are the three NIST Service Models: Software as a Service (SaaS), Platform as a Service (PaaS), and Infrastructure as a Service (IaaS). Offerors may optionally select a single sub-category that best fits a proposed cloud service offering. Only one sub-category may be selected per each proposed cloud service offering. Offerors may elect to submit multiple cloud service offerings, each with its own single sub-category. The selection of one of three sub-categories does not prevent Offerors from competing for orders under the other two sub-categories.

See service model guidance for advice on sub-category selection.

Sub-category selection within this SIN is optional for any individual cloud service offering, and new cloud computing technologies that do not align with the three sub-categories may be included without a sub-category selection so long as they comply with the essential characteristics of cloud computing as outlined by NIST. See Table 1 for a representation of the scope and sub-categories.

Table 1: Cloud Computing Services SIN

SIN Description	Sub-Categories
• Commercially available cloud computing services • Meets the National Institute for Standards and Technology (NIST) definition of Cloud Computing essential characteristics • Open to all deployment models (private, public, community or hybrid), vendors specify deployment models	1. Software as a Service (SaaS): Consumer uses provider's applications on cloud infrastructure. Does not manage/control platform or infrastructure. Limited application level configuration may be available.
	2. Platform as a Service (PaaS): Consumer deploys applications onto cloud platform service using provider-supplied tools. Has control over deployed applications and some limited platform configuration but does not manage the platform or infrastructure.
	3. Infrastructure as a Service (IaaS): Consumer provisions computing resources. Has control over OS, storage, platform, deployed applications and some limited infrastructure configuration, but does not manage the infrastructure.

1. CLOUD SERVICES REFERENCE DOCUMENTS

The following Reference documents are available upon request or in accordance with solicitation instructions.

We recommend all cloud customers read and become familiar with the following NIST and MAS guidelines.

A. 1) Specific Instructions for SIN 518210C - Cloud and Cloud-Related IT Professional Services

a.) Offerors shall follow instructions and guidance for Cloud Computing Services available at available at http://www.gsa.gov/mascategoryrequirements

b.) Offerors may propose:

i.) Cloud Services only (i.e. SaaS, etc.);

ii.) Cloud-computing related IT professional services only; or

iii.) Cloud Services (i.e. SaaS, etc.) and supporting cloud computing-related IT professional services.

c.) Acceptance Testing: Acceptance testing shall be performed of the systems for ordering activity approval in accordance with the approved test procedures.

d.) Training

i.) If training is provided in accordance with standard commercial practices, the offeror shall provide normal commercial installation, operation, maintenance, and engineering interface training on the system.

ii.) If there are separate training charges, it should be included in the GSA Price List (I-FSS-600 CONTRACT PRICE LISTS (OCT 2016).

e.) Information Assurance/Security Requirements: Offerors shall meet information assurance/security requirements in accordance with the Ordering Activity requirements.

f.) Reporting: Offerors shall provide to the ordering activity any general reporting capabilities available to verify performance, cost and availability. In accordance with commercial standard practice, the offeror may furnish the ordering activity with a monthly summary report.

g.) Cloud-type IT Professional Services can stay on SIN 54151S - Information Technology Professional Services. The Cloud IT professional services on this SIN will be Cloud specific as the service titles and description will need to be cloud-centric. The relevant past performance projects must demonstrate that the IT professional services were utilized in the IAAS, PAAS. and/ or SAAS environment. NOTE: Identical labor categories cannot be on both SINs 54151S and 518210C.

h.) Sub-categories in scope for this SIN are the three NIST Service Models: Software as a Service (SaaS), Platform as a Service (PaaS), and Infrastructure as a Service (IaaS). Offerors may optionally select a single sub-category that best fits a proposed cloud service offering. Only one sub-category may be selected per each proposed cloud service offering. Offerors may elect to submit multiple cloud service offerings, each with its own single sub-category. The selection of one of three sub-categories does not prevent Offerors from competing for orders under the other two sub-categories.

i.) Sub-category selection within this SIN is optional for any individual cloud service offering, and new cloud computing service (i.e. IaaS, etc.) technologies that do not align with the aforementioned three sub-categories may be included without a sub-category selection so long as they comply with the essential characteristics of cloud computing as outlined by http://csrc.nist.gov/publications/nistpubs/800-145/SP800-145.pdf

B. Definitions NIST SP 800-145 – Definitions of cloud computing, service models and deployment

models.

2. OVERVIEW OF CLOUD SERVICES

The dynamic cloud market with increasing competition and rapid advances in technology provides customers to lower their costs while increasing compute power. Increasing capability, adding flexibility, and improving your security posture are all benefits of cloud managed services with service level commitments. Services can be provided for any FISMA level low through high and in both FedRAMP and non-FedRAMP environments based on the customers mission requirements. Services per NIST can be provided on premise and or in our network of service providers as complete services. Lentech's Cloud Services minimizes IT risks and improves mission availability.

The scope of this SIN is "as a Service" models as defined by NIST. The prices, terms and conditions stated under Special Item Number (SIN) 518210C Cloud Computing Services apply exclusively to Cloud Computing Services within the scope of this Information Technology Schedule and compliant with NIST 800-154 Cloud Computing. Cloud services must be sold in a NIST approved model and bundled into a service fee. Examples: The contractor under SIN 518210C cannot sell a stand-alone sharepoint software licenses and have the government take title of the license as that is not a service, it is a product license. All licenses to provide the service are bound to the service provider. The offeror however can define and offer Sharepoint as a Service based on usage specifications. The contractor cannot sell a physical data center or a physical server as that is not a service. Offerors must use multiple schedules (SIN 54151S) to address these non-service items.

Lentech provides all of the three major types of cloud computing solutions **Infrastructure as a Service (IaaS)**, **Platform as a Service** (PaaS), and **Software as a Service** (SaaS). Although each has its own significance, your choice of the best option may vary depending upon what products or services you're dealing in. Most customers use a variety in their solutions. For example a customer may choose SaaS for email so the do not have to manage it and choose basic IaaS services for a mission application where more control is required.

The foundation for defining services in this market space is NIST. Lentech provides all the NIST 800-145 defined cloud computing services to include Infrastructure as a Service (IaaS), Platform as a Service (PaaS), Software as a Service). Customers can choose more than one model as each application has different requirements and advancing from basic service to a complete managed cloud services is part of the service lifecycle. Flexibility to accommodate all mission requirements is essential to this service. Not all customers within even a single organization will leverage the same services or deployment models. Lentech's responsibility as the offeror is to clearly define and document the service model, deployment model, and supporting service level agreements being offered to the customer in all task order responses.
The service models approved by NIST and leveraged by Lentech are as follows:

NIST Defined Service Models	NIST 800-145 Definitions	Benefits To Customers
Infrastructure as a Service (IaaS)	The capability provided to the consumer is to provision processing, storage, networks, and other fundamental computing resources where the consumer can deploy and run arbitrary software, which can include operating systems and applications. The consumer does not manage or control the underlying cloud infrastructure but has control over operating systems, storage, and deployed applications; and possibly limited control of select networking components (e.g., host firewalls).	Provides application owners the ability to manage this applications and operating systems. This provides a more resilient and flexible environment to operate mission systems.
Platform as a Service (PaaS)	The capability provided to the consumer is to deploy onto the cloud infrastructure consumer-created or acquired applications created using programming languages, libraries, services, and tools supported by the provider. The consumer does not manage	Provides the customer a managed compute platform that allows resources to focus on the application

NIST Defined Service Models	NIST 800-145 Definitions	Benefits To Customers
	or control the underlying cloud infrastructure including network, servers, operating systems, or storage, but has control over the deployed applications and possibly configuration settings for the application-hosting environment.	layers not the operating layers and infrastructure. This model is a great way to improve security compliance and reduce mission availability risk.
Software as a Service (SaaS)	The capability provided to the consumer is to provision processing, storage, networks, and other fundamental computing resources where the consumer can deploy and run arbitrary software, which can include operating systems and applications. The consumer does not manage or control the underlying cloud infrastructure but has control over operating systems, storage, and deployed applications; and possibly limited control of select networking components (e.g., host firewalls).	For customers that want to focus on their mission and not the supporting IT tools this option provides the highest level or service to the end-user.

3. IaaS, PaaS, AND SaaS SERVICE CHARACTERISTICS OVERVIEW:

While Lentech designs custom cloud solutions to your specific requirement, Lentech complies with all NIST guidelines. For specific details for each service please request our Response Guidance and Checklist for MAS SIN 518210C. Below is an overview of how Lentech meets the NIST Service Essential Characteristics.

Lentech's solutions incorporate all the 5 essential characteristics: On-demand self-service, broad network access, resource pooling, rapid elasticity, and measured services. However, customers must clearly define who has on-demand direct access permissions to allocate additional capacity. Adding capacity in the cloud equates to adding cost immediately and cannot be uncommitted.

1. On-Demand Self-Service: In accordance with the customer's deployment and service model requirements and authorization from the contracting officer, Lentech provides on-demand self-service through our web-based customer portals or with direct access to our services. Lentech provides training on incurring additional costs through on-demand access in the cloud as part of our deployment. However, an individual authorized by the CO has the on-demand ability to significantly increase processing and storage costs without any supervision and the customer is obligated to pay for the additional resources at time of commitment.

2. Broad Network Access: Lentech provides multiple methods for connecting to our environments.
- Clients internet connection
- Dedicated internet connection
- Thin client access
- Open internet access with no access controls
- Single, or dual factor authentication
- Software VPN access to any device, site (building or network) or designated remote/portable users for Microsoft, Linux, Android, Apple iOS, and open source devices.
- Advanced secure internet connections with integrated endpoint management and protection for Microsoft, Linux, Android, Apple iOS, and open source devices
- Portable hardware encryption keys over internet
- Private dedicated circuit or fiber services with an architected security solution (appliance based)
- Access for IoT devices could be provided via low transmission wireless networks

This allows customers to access the environment for as many locations are they require. This broad access also promotes the capability to connect laptops, workstations, mobile devices, and tablets. For non-web-based services in the IaaS, PasS, and SaaS model the customer may choose to leverage private connectivity options to provide additional levels of security controls such as dark fiber.

3. Resource Pooling: Regardless of the service model Lentech can offer resource pooling within the solution. This can be accommodated through cloud brokerage within large platform providers or in private clouds through offerings of virtual machines and shared storage alternatives. We can draw from resource pools across multiple providers and environments if required by the customer. We work with each customer to design a process that ensures we govern elasticity and resource allocation based on their authorization model. The building blocks for our resources are:

Building Blocks Based on Customer Requirements	Standard Measure	Units Offered	Usage Reporting Frequency
Software	Per license used or committed	Hourly, Monthly	Monthly with Invoice and on-demand self-service or through request anytime
Compute	Per CPU used or committed	Hourly, Monthly	Monthly with Invoice and on-demand self-service or through request anytime
Storage	Per Gigabyte used or committed	Hourly, Monthly	Monthly with Invoice and on-demand self-service or through request anytime
Network	Per Megabyte used or committed	Hourly, Monthly	Monthly with Invoice and on-demand self-service or through request anytime
Facilities Space	Per Rack Unit used or committed	Hourly, Monthly	Monthly with Invoice and on-demand self-service or through request anytime
Facilities Power	Per KW used or committed	Hourly, Monthly	Monthly with Invoice and on-demand self-service or through request anytime

4. Rapid elasticity: Provisioning of compute, storage, and capability using todays technologies are instantaneous. We can design our solutions to meet customer requirements. Lentech provides all the capacity management so you can focus on your mission. Total capabilities far exceed the requirements (example: no one customer can utilize all AWSs, Azures, or Raging Wires capacity at one time). By using a software defined infrastructure and abstracting the physical layers of the solution we auto-scale the environments manage the performance through monitoring wherever possible. We can draw from resource pools across multiple providers and environments if required by the customer. We work with each customer to design a process that ensures we govern elasticity and resource allocation based on their authorization model.

5. Measured Service: Lentech can provide the transparency across our solutions with measured services. We can provide as much detailed information to customers as required. For customer who want solutions were costs float based on daily market demands we can provide metering and cost incurred reporting. For customers who prefer firm fixed price arrangements or buying capabilities in defined year increments we can provide reporting to drive costs down each performance period and offer credits.

SIN 518210C CLOUD SERVICE PRICING

With Amazon AWS, Akamai, Azure, and infrastructure providers changing their technology offering and 100,000s of configuration components on their pricelists every 30-60 days, the cloud market remains dynamic where infrastructure has become a commodity. With 100,000s of configuration options per provider, static pricing becomes very complex and outdated quickly. This is a market driven sector where prices continue to go down and using active market timing pricing provides additional savings. Lentech always provides the current

market prices to calculate our service fees at the time of the task order, not 12 or even one month prior. This saves customers money. It is important to understand that Lentech is **not re-selling** resources to the customer but using those components as a building block to our IaaS, PaaS, and SaaS service offerings. As your trusted advisor, our solutions are designed and delivered to meet each customer's requirements and needs including: technical, service level, price, response, availability, performance, and automation. Our goal is to minimize footprint and spend, while delivering on SLA's, performance, and price.

The customer never takes title of any components, just uses the services if they need them. For IaaS solutions, you can compare a la carte building blocks list prices using on-line calculators and other 3rd party tools provided by CSP vendors. For private cloud solutions, Lentech provides simple ceiling prices and tailors each solution to your mission requirements.

Lentech makes pricing simple. Our Cloud Service Fee (CSF) structure helps you procure only the necessary resources at today's market prices. Lentech creates quotes that are tailored to the needs of the customer and then purchases the required resources and sets price ceilings based on your required configuration. This allows us to create services that satisfy your security requirements, compute, storage and application service requirements that are configured and aligned to meet NIST and FISMA compliance.

Application of usage-based CSF Fees for All Service and Deployment Models		
IaaS (a la carte Building Blocks)	PaaS	SaaS
Facility/Space Usage	Bundled IaaS Building Blocks Included in a Managed Service Cost Structure	Bundled IaaS and PaaS Building Blocks Included in Managed Service Cost Structure.
Compute Usage		
Storage/Media Usage		
Network Usage		
Appliance Usage		
Content Delivery and Streaming		
Building Block Infrastructure Applications: Operating Systems & Middleware		

Lentech always clearly defines and differentiates between core building blocks and support as services are tailored to each customer requirements. We offer flexible cost models that are provided at time of submission. We have two pricing options, usage based or fixed price. In our usage-based model a customer pays for the resources they use. For IaaS and PaaS, we charge a customer for the hourly or monthly usage of each cloud service building block plus the CSF. For SaaS we charge the customer for the number of users that are registered and licensed in the system. Our fixed price model is for customers that are unable to procure or budget for usage-based services. In this model Lentech evaluates how the customer will use the application, platform, or infrastructure based on discussions with the customer to determine the estimated cloud resource usage requirements.

We will then set a fixed percentage usage for each building block and charge the customer as follows:

Cloud building block * percentage usage target (PUT) + CSF= monthly or annual fixed pricing

For example, if a customer is purchasing a Lentech PaaS solution and it is determined that the customer will utilize two medium compute instances but only one of them will be up 100% of the time and the other will be used only during peak usage which is estimated to amount to 50% of the time, the pricing is calculated as follows:

CSP cost of medium server * 100% + CSF = monthly price first server
CSP cost of medium server * 50% + CSF = monthly price of second server

This is a shared risk pricing model (based on estimated usage requirements) that allows the customer to take advantage of the elastic and scalability benefits of Cloud Computing, but in a fixed price model that is more easily consumable and consistent from a budgeting perspective. Annually, we review actual usage percentages against original targets and adjust the following period PUT to provide the customer with a refined PUT pricing for the follow-on period of performance.

DISCOUNTS

Discounted Year Commitments: Where the Cloud Service Provider (CSP) offers fixed term discount pricing, customers can leverage compute discounts by purchasing term commitments of one year or greater for dedicated resources. CSPs discount these instances over standard hourly on-demand usage. This works well for applications where the processing trends are well known. Lentech applies our CSF to the discounted commitment hourly/monthly rate.

While the amount of discount varies by solution, customers can take advantage of the following market discount strategies:

Commitment Discounts Available in the Market:

1) Discounts for 1-year commitments on resources
2) Discounts for 3-year commitments on resources
3) Discounts for prepaid or partial pre-paid resources
4) Upgrading to next generation services with more compute and lower cost as they are offered

Term commitment discounts can be applied to all fixed and usage pricing models. The term commitment discount cannot exceed the contract term.

Usage Model Discounts: Our IaaS, PaaS, and SaaS usage pricing model include a 1% discount for every dollar spent as shown in our pricing matrix below. This is on top of any discount obtained through term commitments as described previously. Our calculation for usage discounts is as follows:

- IaaS and PaaS:
  - Cloud building block -1% discount + CSF= hourly/monthly/annual price
- SaaS:
  - Per user price - 1% + CSF= monthly/annual price

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SIN	MFR NAME	MFR PART NO	PRODUCT NAME	UOI	GSA OFFER PRICE (inclusive of 0.75% IFF)
518210C	Lentech	LC-IAAS-100	IAAS Cloud Services	Monthly	$9,985.85
518210C	Lentech	LC-IAAS-200	IAAS Cloud Services	Monthly	$99,741.50
518210C	Lentech	LC-IAAS-300	IAAS Cloud Services	Monthly	$248,725.57
518210C	Lentech	LC-IAAS-400	IAAS Cloud Services	Monthly	$987,349.01
518210C	Lentech	LC-IAAS-500	IAAS Cloud Services	Monthly	$1,477,246.88
518210C	Lentech	LC-PAAS-100	PAAS Cloud Services	Monthly	$9,973.25
518210C	Lentech	LC-PAAS-200	PAAS Cloud Services	Monthly	$99,489.63
518210C	Lentech	LC-PAAS-300	PAAS Cloud Services	Monthly	$248,095.88
518210C	Lentech	LC-PAAS-400	PAAS Cloud Services	Monthly	$984,830.27
518210C	Lentech	LC-PAAS-500	PAAS Cloud Services	Monthly	$1,473,468.75
518210C	Lentech	LC-SAAS-100	SAAS Cloud Services	Monthly	$9,973.25
518210C	Lentech	LC-SAAS-200	SAAS Cloud Services	Monthly	$99,489.63
518210C	Lentech	LC-SAAS-300	SAAS Cloud Services	Monthly	$248,095.88
518210C	Lentech	LC-SAAS-400	SAAS Cloud Services	Monthly	$984,830.27
518210C	Lentech	LC-SAAS-500	SAAS Cloud Services	Monthly	$1,473,468.75
518210C	Lentech	LCU-I-001	IaaS Cloud Usage Service	Monthly	$0.99
518210C	Lentech	LCU-P-001	PaaS Cloud Usage Service	Monthly	$0.99
518210C	Lentech	LCU-S-001	SaaS Cloud Usage Service	Monthly	$0.99

SIN 54151HACS - TERMS AND CONDITIONS HIGHLY ADAPTIVE CYBERSECURITY SERVICES

Vendor suitability for offering services through the Highly Adaptive Cybersecurity Services (HACS) SINs must be in accordance with the following laws and standards when applicable to the specific task orders, including but not limited to:

- Federal Acquisition Regulation (FAR) Part 52.204-21
- OMB Memorandum M-06-19 - Reporting Incidents Involving Personally Identifiable Information and Incorporating the Cost for Security in Agency Information Technology Investments
- OMB Memorandum M -07-16 - Safeguarding Against and Responding to the Breach of Personally Identifiable Information
- OMB Memorandum M-16-03 - Fiscal Year 2015-2016 Guidance on Federal Information Security and Privacy Management Requirements
- OMB Memorandum M-16-04 – Cybersecurity Implementation Plan (CSIP) for Federal Civilian Government
- The Cybersecurity National Action Plan (CNAP)
- **NIST SP 800-14** - Generally Accepted Principles and Practices for Securing Information Technology Systems
- **NIST SP 800-27A** - Engineering Principles for Information Technology Security (A Baseline for Achieving Security)
- **NIST SP 800-30** - Guide for Conducting Risk Assessments
- **NIST SP 800-35** - Guide to Information Technology Security Services
- **NIST SP 800-37** - Guide for Applying the Risk Management Framework to Federal Information Systems: A Security Life Cycle Approach
- **NIST SP 800-39** - Managing Information Security Risk: Organization, Mission, and Information System View
- **NIST SP 800-44** - Guidelines on Securing Public Web Servers
- **NIST SP 800-48** - Guide to Securing Legacy IEEE 802.11 Wireless Networks
- **NIST SP 800-53** – Security and Privacy Controls for Federal Information Systems and Organizations
- **NIST SP 800-61** - Computer Security Incident Handling Guide
- **NIST SP 800-64** - Security Considerations in the System Development Life Cycle
- **NIST SP 800-82** - Guide to Industrial Control Systems (ICS) Security
- **NIST SP 800-86** - Guide to Integrating Forensic Techniques into Incident Response
- **NIST SP 800-115** - Technical Guide to Information Security Testing and Assessment
- **NIST SP 800-128** - Guide for Security-Focused Configuration Management of Information Systems
- **NIST SP 800-137** - Information Security Continuous Monitoring (ISCM) for Federal Information Systems and Organizations
- **NIST SP 800-153** - Guidelines for Securing Wireless Local Area Networks (WLANs)
- **NIST SP 800-171** - Protecting Controlled Unclassified Information in non-federal Information Systems and Organizations

****NOTE: All non-professional labor categories must be incidental to, and used solely to support Highly Adaptive Cybersecurity Services, and cannot be purchased separately.
****NOTE: All labor categories under the Special Item Number 54151S Information Technology Professional Services may remain under SIN 54151S unless the labor categories are specific to the Highly Adaptive Cybersecurity Services SINs.

1. SCOPE

a. The labor categories, prices, terms and conditions stated under Special Item Numbers High Adaptive Cybersecurity Services within the scope of this Information Technology Schedule.
b. Services under these SINs are limited to Highly Adaptive Cybersecurity Services only. Software and hardware products are under different Special Item Numbers on GSA MAS and may be quoted along with services to provide a total solution.
c. These SINs provide ordering activities with access to Highly Adaptive Cybersecurity services only.
d. Highly Adaptive Cybersecurity Services provided under these SINs shall comply with all Cybersecurity certifications and industry standards as applicable pertaining to the type of services as specified by ordering agency.
e. The Contractor shall provide services at the Contractor's facility and/or at the ordering activity location, as agreed to by the Contractor and the ordering activity.

2. ORDER

a. Agencies may use written orders, Electronic Data Interchange (EDI) orders, Blanket Purchase Agreements, individual purchase orders, or task orders for ordering services under this contract. Blanket Purchase Agreements shall not extend beyond the end of the contract period; all services and delivery shall be made, and the contract terms and conditions shall continue in effect until the completion of the order. Orders for tasks which extend beyond the fiscal year for which funds are available shall include FAR 52.232-19 (Deviation – May 2003) Availability of Funds for the Next Fiscal Year. The purchase order shall specify the availability of funds and the period for which funds are available.
b. All task orders are subject to the terms and conditions of the contract. In the event of conflict between a task order and the contract, the contract will take precedence.

3. PERFORMANCE OF SERVICES

a. The Contractor shall commence performance of services on the date agreed to by the Contractor and the ordering activity. All Contracts will be fully funded.
b. The Contractor agrees to render services during normal working hours, unless otherwise agreed to by the Contractor and the ordering activity.
c. The ordering activity should include the criteria for satisfactory completion for each task in the Statement of Work or Delivery Order. Services shall be completed in a good and workmanlike manner.
d. Any Contractor travel required in the performance of Highly Adaptive Cybersecurity Services must comply with the Federal Travel Regulation or Joint Travel Regulations, as applicable, in effect on the date(s) the travel is performed. Established Federal Government per diem rates will apply to all Contractor travel. Contractors cannot use GSA city pair contracts. All travel will be agreed upon with the client prior to the Contractor's travel.

4. INSPECTION OF SERVICES

Inspection of services is in accordance with 552.212-4 - CONTRACT TERMS AND CONDITIONS – COMMERCIAL ITEMS (MAY 2015) (ALTERNATE II – JUL 2009) (FAR DEVIATION – JUL 2015) (TAILORED) for Firm-Fixed Price and Time-and-Materials and Labor-Hour Contracts orders placed under this contract.

5. RESPONSIBILITIES OF THE CONTRACTOR

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City, or otherwise) covering work of this character. If the end product of a task order is software, then FAR 52.227-14 (MAY 2014) Rights in Data – General, may apply.
The Contractor shall comply with contract clause (52.204-21) to the Federal Acquisition Regulation (FAR) for the basic safeguarding of contractor information systems that process, store, or transmit Federal data received by the contract in performance of the contract. This includes contract documents and all information generated in the performance of the contract.

6. RESPONSIBILITIES OF THE ORDERING ACTIVITY

Subject to the ordering activity's security regulations, the ordering activity shall permit Contractor access to all facilities necessary to perform the requisite Highly Adaptive Cybersecurity Services.

7. INDEPENDENT CONTRACTOR

All Highly Adaptive Cybersecurity Services performed by the Contractor under the terms of this contract shall be as an independent Contractor, and not as an agent or employee of the ordering activity.

8. ORGANIZATIONAL CONFLICTS OF INTEREST

a. Definitions.
"Contractor" means the person, firm, unincorporated association, joint venture, partnership, or corporation that is a party to this contract.
"Contractor and its affiliates" and "Contractor or its affiliates" refers to the Contractor, its chief executives, directors, officers, subsidiaries, affiliates, subcontractors at any tier, and consultants and any joint venture involving the Contractor, any entity into or with which the Contractor subsequently merges or affiliates, or any other successor or assignee of the Contractor.
An "Organizational conflict of interest" exists when the nature of the work to be performed under a proposed ordering activity contract, without some restriction on ordering activities by the Contractor and its affiliates, may either (i) result in an unfair competitive advantage to the Contractor or its affiliates or (ii) impair the Contractor's or its affiliates' objectivity in performing contract work.
b) To avoid an organizational or financial conflict of interest and to avoid prejudicing the best interests of the ordering activity, ordering activities may place restrictions on the Contractors, its affiliates, chief executives, directors, subsidiaries and subcontractors at any tier when placing orders against schedule contracts. Such restrictions shall be consistent with FAR 9.505 and shall be designed to avoid, neutralize, or mitigate organizational conflicts of interest that might otherwise exist in situations related to individual orders placed against the schedule contract. Examples of situations, which may require restrictions, are provided at FAR 9.508.

9. INVOICES

The Contractor, upon completion of the work ordered, shall submit invoices for Highly Adaptive Cybersecurity Services. Progress payments may be authorized by the ordering activity on individual orders if appropriate. Progress payments shall be based upon completion of defined milestones or interim products. Invoices shall be submitted monthly for recurring services performed during the preceding month.

10. RESUMES

Resumes shall be provided to the GSA Contracting Officer or the user ordering activity upon request.

11. APPROVAL OF SUBCONTRACTS

The ordering activity may require that the Contractor receive, from the ordering activity's Contracting Officer, written consent before placing any subcontract for furnishing any of the work called for in a task order.

SIN 54151HACS CYBERSECURITY PRICING

1. DESCRIPTION OF HIGHLY ADAPTIVE CYBERSECURITY SERVICES AND PRICING

a. The Contractor shall provide a description of each type of Highly Adaptive Cybersecurity Service offered under Special Item Numbers 54151HACS for Highly Adaptive Cybersecurity Services and it should be presented in the same manner as the Contractor sells to its commercial and other ordering activity customers. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles (labor categories) for those individuals who will perform the service should be provided.
b. Pricing for all Highly Adaptive Cybersecurity Services shall be in accordance with the Contractor's customary commercial practices; e.g., hourly rates, minimum general experience and minimum education.

a. LABOR CATEGORY PRICING – SIN 54151HACS

SIN	GSA Title	Year1	Year2	Year3	Year4	Year5
54151HACS	Information Security Project Manager	$197.47	$203.39	$209.49	$215.77	$222.24
54151HACS	Information Security Manager	$162.91	$167.80	$172.83	$178.01	$183.35
54151HACS	Information Security Systems Engineer 5	$246.84	$254.25	$261.88	$269.74	$277.83
54151HACS	Information Security Systems Engineer 4	$217.22	$223.74	$230.45	$237.36	$244.48
54151HACS	Information Security Systems Engineer 3	$177.72	$183.05	$188.54	$194.20	$200.03
54151HACS	Information Security Systems Engineer 2	$153.04	$157.63	$162.36	$167.23	$172.25
54151HACS	Information Security Systems Engineer 1	$138.23	$142.38	$146.65	$151.05	$155.58
54151HACS	Information Security Specialist 5	$212.28	$218.65	$225.21	$231.97	$238.93
54151HACS	Information Security Specialist 4	$128.36	$132.21	$136.18	$140.27	$144.48
54151HACS	Information Security Specialist 3	$115.52	$118.99	$122.56	$126.24	$130.03
54151HACS	Information Security Specialist 2	$116.51	$120.01	$123.61	$127.32	$131.14
54151HACS	Information Security Specialist 1	$88.86	$91.53	$94.28	$97.11	$100.02
54151HACS	Project Coordinator	$64.18	$66.11	$68.09	$70.13	$72.23

b. LABOR CATEGORY DESCRIPTIONS– SIN 54151HACS

Education/Experience Substitution Matrix

Experience may be substituted for Education on a year for year basis.

Degree	Years of Experience
Bachelor's	4
Master's	6

SIN	GSA Labor Category Title	Functional Responsibilities	Minimum Education	Minimum Experience
54151HACS	**Information Security Project Manager**	Responsible for developing and managing Information Systems cyber security, including disaster recovery, database protection and software development. Manages IS security analysts to ensure that all applications are functional and secure. Develops and delivers IS security standards, best practices, architecture and systems to ensure information system security across the enterprise. Implements procedures and methods for auditing and addressing non-compliance to information security standards. Migrates non-compliant environments to compliant environments. Evaluates the organization to ensure compliance with standards and relevance with industry security norms. Typically requires a bachelor's degree or equivalent years of experience. Typically reports to a director. Manages subordinate staff in the day-to-day performance of their jobs. True first level manager. Ensures that project/department milestones/goals are met and adhering to approved budgets. Has full authority for personnel actions.	BS	8

SIN	GSA Labor Category Title	Functional Responsibilities	Minimum Education	Minimum Experience
54151HACS	**Information Security Manager**	Responsible for developing and managing Information Systems cyber security, including disaster recovery, database protection and software development. Delivers strategic guidance as to the designs and implementation of information security standards for applications and databases bases on penetration testing and risk and vulnerability assessment activities. Provides team leadership as it pertains to information security to provide subject matter expertise on application development, database design, network maintenance, incident response, and cyber hunt. Researches and advocates the latest technologies and solutions to support the security requirements of internal and external customers and is capable of performing penetration testing and risk and vulnerability assessments of latest technologies. Assesses client needs against security concerns and resolves information security risk issues based on assessment findings. Provides the customer with a detailed understanding of how new technologies will integrate into current Cyber Hunt and Incident response activities. Trains security awareness to business partners and IT staff. Manages IS security analysts to ensure that all applications are functional and secure. Develops and delivers IS security standards, best practices, architecture and systems to ensure information system security across the enterprise. Implements procedures and methods for auditing and addressing non-compliance to information security standards. Migrates non-compliant environments to compliant environments. Evaluates the organization to ensure compliance with standards and relevance with industry security norms. Requires a bachelor's degree. Typically requires a bachelor's degree or equivalent years of experience. Typically reports to a director. Manages subordinate staff in the day-to-day performance of their jobs. True first level manager. Ensures that project/department milestones/goals are met and adhering to approved budgets. Has full authority for personnel actions. Extensive knowledge of the function and department processes.	BS	6

SIN	GSA Labor Category Title	Functional Responsibilities	Minimum Education	Minimum Experience
54151HACS	**Information Security Systems Engineer 5**	Delivers strategic guidance as to the designs and implementation of information security standards for applications and databases bases on penetration testing and risk and vulnerability assessment activities. Collaborates with a team of information security analysts to provide subject matter expertise on application development, database design, network maintenance, incident response, and cyber hunt. Researches and advocates the latest technologies and solutions to support the security requirements of internal and external customers and is capable of performing penetration testing and risk and vulnerability assessments of latest technologies. Assesses client needs against security concerns and resolves information security risk issues based on assessment findings. Provides the customer with a detailed understanding of how new technologies will integrate into current Cyber Hunt and Incident response activities. Trains security awareness to business partners and IT staff. Requires a bachelor's degree or its equivalent. Typically reports to a manager. A specialist on complex technical and business matters. Work is highly independent. May assume a team lead role for the work group. Typically requires a master's degree or equivalent years of experience. Typically reports to a manager. Works on advanced, complex technical projects or business issues requiring state of the art technical or industry knowledge. Works autonomously. Goals are generally communicated in solution or project goal terms.	MS	10

SIN	GSA Labor Category Title	Functional Responsibilities	Minimum Education	Minimum Experience
54151HACS	**Information Security Systems Engineer 4**	Designs and implements information security standards for applications and databases bases on penetration testing and risk and vulnerability assessment activities. Collaborates with a team of information security analysts to provide subject matter expertise on application development, database design, network maintenance, incident response, and cyber hunt. Researches and advocates the latest technologies and solutions to support the security requirements of internal and external customers and is capable of performing penetration testing and risk and vulnerability assessments of latest technologies. Assesses client needs against security concerns and resolves information security risk issues based on assessment findings. Provides the customer with a detailed understanding of how new technologies will integrate into current Cyber Hunt and Incident response activities. Trains security awareness to business partners and IT staff. Typically requires a master's degree or equivalent years of experience. Typically reports to a manager. A specialist on complex technical and business matters. Work is highly independent. May assume a team lead role for the work group.	MS	8
54151HACS	**Information Security Systems Engineer 3**	Completes tasks designed to ensure security of the organization's systems and information assets. Protects against unauthorized access, modification, or destruction and develops IT security policies and standards. Works with end users to determine needs of individual departments. Understands internet architecture and firewall configuration to protect system security. May need to authorize user access and familiar with domain structures and digital signatures. Capable of making detailed architectural and configuration recommendations based on penetration testing and risk and vulnerability assessment testing of system infrastructure. Capable of recommending security tool configurations to align with system architecture for increased cyber hunt capabilities and incident response. Typically requires a bachelor's degree or equivalent years of experience. Typically reports to a manager. Contributes to moderately complex aspects of a project. Work is generally independent and collaborative in nature.	BS	6

SIN	GSA Labor Category Title	Functional Responsibilities	Minimum Education	Minimum Experience
54151HACS	**Information Security Systems Engineer 2**	Completes tasks designed to ensure security of the organization's systems and information assets. Protects against unauthorized access, modification, or destruction and develops IT security policies and standards that align to penetration testing and risk and vulnerability assessment best practices as defined within DoD and other government standards. Capable of developing Incident response plans and Cyber Hunt Hypothesis'. Works with end users to determine needs of individual departments. Implements policies or procedures and tracks compliance throughout the organization. Typically requires a bachelor's degree or equivalent years of experience. Typically reports to a manager. Gaining exposure to some of the complex tasks within the job function. Occasionally directed in several aspects of the work.	BS	4
54151HACS	**Information Security Systems Engineer 1**	Completes tasks designed to ensure security of the organization's systems and information assets. Protects against unauthorized access, modification, or destruction of data through the use of penetration testing and risk and vulnerability assessment guidance. Has the ability to recommend incident response actions and Cyber Hunt activities based on knowledge of the system and detected activities. Works with end users to determine needs of individual departments. Implements policies or procedures and tracks compliance throughout the organization. Typically requires a bachelor's degree or equivalent years of experience. Typically reports to a manager. Works on projects/matters of limited complexity in a support role. Work is closely managed.	BS	2

SIN	GSA Labor Category Title	Functional Responsibilities	Minimum Education	Minimum Experience
54151HACS	**Information Security Specialist 5**	Identifies potential information and network or internet security vulnerabilities. Designs and implements information security standards for applications and databases. Conducts analysis, investigates and recommends security technologies. Ensures site security and provides consultation on security issues staying abreast of current malware and other potential internet security threats. Designs and implements information security standards for applications and databases. Collaborates with a team of information security analysts to provide subject matter expertise on application development, database design, and network maintenance. Researches and advocates the latest technologies and solutions to support the security requirements of internal and external customers. Assesses client needs against security concerns and resolves information security risk issues. Trains security awareness to business partners and IT staff. Creates procedures for data access, protection, and backup. Investigates security violations and modifies procedures to prevent future incursions. Reviews changes to information systems to ensure compliance with security standards. Typically requires a bachelor's degree or equivalent years of experience. Typically reports to a manager. Works on advanced, complex technical projects or business issues requiring state of the art technical or industry knowledge. Works autonomously. Goals are generally communicated in "solution" or project goal terms. May assume a team lead role for the work group.	BS	10

SIN	GSA Labor Category Title	Functional Responsibilities	Minimum Education	Minimum Experience
54151HACS	**Information Security Specialist 4**	Designs and implements information security standards for applications and databases. Collaborates with a team of information security analysts to provide subject matter expertise on application development, database design, and network maintenance. Researches and advocates the latest technologies and solutions to support the security requirements of internal and external customers. Assesses client needs against security concerns and resolves information security risk issues. Trains security awareness to business partners and IT staff. Creates procedures for data access, protection, and backup. Investigates security violations and modifies procedures to prevent future incursions. Reviews changes to information systems to ensure compliance with security standards. Typically requires a bachelor's degree or equivalent years of experience. Typically reports to a supervisor or manager. Contributes to moderately complex aspects of a project. Work is generally independent and collaborative in nature. May need to authorize user access and familiar with domain structures and digital signatures. A specialist on complex technical and business matters. Work is highly independent. May assume a team lead role for the work group.	BS	8
54151HACS	**Information Security Specialist 3**	Completes tasks designed to ensure security of the organization's systems and information assets. Protects against unauthorized access, modification, or destruction and develops IT security policies and standards. Works with end users to determine needs of individual departments. Understands internet architecture and firewall configuration to protect system security. Designs, implements, and enforces security policies that protect systems and data from access by unauthorized users. Creates procedures for data access, protection, and backup. Investigates security violations and modifies procedures to prevent future incursions. Reviews changes to information systems to ensure compliance with security standards. Typically reports to a supervisor or manager. Contributes to moderately complex aspects of a project. Work is generally independent and collaborative in nature. May need to authorize user access and familiar with domain structures and digital signatures.	HS	6

SIN	GSA Labor Category Title	Functional Responsibilities	Minimum Education	Minimum Experience
54151HACS	**Information Security Specialist 2**	Completes tasks designed to ensure security of the organization's systems and information assets. Protects against unauthorized access, modification, or destruction and develops IT security policies and standards. Works with end users to determine needs of individual departments. Implements policies or procedures and tracks compliance throughout the organization. Typically reports to a manager. Work is independent. Gains exposure to some of the complex tasks within the job function. Occasionally directed in several aspects of the work.	HS	5
54151HACS	**Information Security Specialist 1**	Completes tasks designed to ensure security of the organization's systems and information assets. Protects against unauthorized access, modification, or destruction. Works with end users to determine needs of individual departments. Serves as the point of contact for security system related issues. Provides training to employees on use and features of security systems. Implements policies or procedures and tracks compliance throughout the organization. Typically reports to a manager. Works on projects/matters of limited complexity in a support role. Work is generally independent.	HS	3
54151HACS	**Project Coordinator**	Coordinates all security projects and ensures company resources are utilized appropriately. Compiles project status reports, coordinates project schedules, manages project meetings, and identifies and resolves technical problems. Identifies and analyzes systems requirements and defines project scope, requirements, and deliverables. Coordinates project activities and ensures all project phases are documented appropriately. Typically reports to a supervisor or manager. Contributes to moderately complex aspects of a project. Work is generally independent and collaborative in nature.	HS	2